## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/547.206
Source:	P4/10
Date Processed by STIC:	9/7/05

## ENTERED

## Raw Sequence Listing before editing (for reference only)



PCT

RAW SEQUENCE LISTING DATE: 09/07/2005
PATENT APPLICATION: US/10/547,206 TIME: 15:01:02

Input Set : A:\pto.da.txt

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     3 <110> APPLICANT: JACQUET, Alain
     5 <120> TITLE OF INVENTION: HYPOALLERGENIC DER P1 AND DER P3 PROTEINS FROM
DERMATOGRAPHOIDES
                                                                Does Not Comply comply Diskette Neede
             PTERONYSSINUS
      8 <130> FILE REFERENCE: VB60107
C--> 10 140> CURRENT APPLICATION NUMBER: US/10/547,206
W--> 11 24-02-2004 Mart < 1517
   > 13 <141> CURRENT FILING DATE: 2005-08-26
    13 <150> PRIOR APPLICATION NUMBER: GB 0304424.5
    14 26-02-2003 west 6/517
     16 <160> NUMBER OF SEQ ID NOS: 26
    18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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    22 <212> TYPE: DNA
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    31 Arg Pro Ser Ser Ile Lys Thr Phe Glu Glu Tyr Lys Lys Ala Phe Asn
    34 aag agc tat gcc acc ttc gag gac gag gag gcc gcg cgc aag aac ttc
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     35 Lys Ser Tyr Ala Thr Phe Glu Asp Glu Glu Ala Ala Arg Lys Asn Phe
     38 ctg gaa agc gtg aaa tac gtg cag agc aac ggc ggg gct ata aat cac
                                                                           144
    39 Leu Glu Ser Val Lys Tyr Val Gln Ser Asn Gly Gly Ala Ile Asn His
    40
                 35
                                                                           192
     42 ctg tcc gac ctg tct tta gac gag ttc aag aac cgg ttc ctg atg agc
    43 Leu Ser Asp Leu Ser Leu Asp Glu Phe Lys Asn Arg Phe Leu Met Ser
                                 55
     46 gcc gag gct ttc gaa cac ctt aag acc cag ttt gat ctc aac gcg gag
                                                                           240
     47 Ala Glu Ala Phe Glu His Leu Lys Thr Gln Phe Asp Leu Asn Ala Glu
    50 acc aac gcc tgc agt atc aac ggc aat gcc ccc gct gag att gat ctg
    51 Thr Asn Ala Cys Ser Ile Asn Gly Asn Ala Pro Ala Glu Ile Asp Leu
    54 cgc cag atg agg acc gtg act ccc atc cgc atg caa ggc ggc tgc ggg
    55 Arg Gln Met Arg Thr Val Thr Pro Ile Arg Met Gln Gly Gly Cys Gly
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     59 Ser Cys Trp Ala Phe Ser Gly Val Ala Ala Thr Glu Ser Ala Tyr Leu
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120

Input Set : A:\pto.da.txt

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63 Ala Tyr Arg Asn Gln Ser Leu Asp Leu Ala Glu Gln Glu Leu Val	Asp
64 130 135 140	
66 tgc gcc tcc caa cac gga tgt cat ggg gat acg att ccc aga ggt	
67 Cys Ala Ser Gln His Gly Cys His Gly Asp Thr Ile Pro Arg Gly	
68 145 150 155	160
70 gaa tac atc cag cat aat ggc gtc gtg cag gaa agc tat tac cga	
71 Glu Tyr Ile Gln His Asn Gly Val Val Gln Glu Ser Tyr Tyr Arg	-
72 165 170 175	
74 gta gct agg gag cag tcc tgc cgc cgt cct aac gca cag cgc ttc	
75 Val Ala Arg Glu Gln Ser Cys Arg Arg Pro Asn Ala Gln Arg Phe	GIY
76 180 185 190	
78 att tcc aat tat tgc cag atc tac ccc cct aat gcc aac aag atc	
79 Ile Ser Asn Tyr Cys Gln Ile Tyr Pro Pro Asn Ala Asn Lys Ile	Arg
80 195 200 205	
82 gag gcc ctg gcg cag acg cac agc gcc atc gct gtc atc atc gga	
83 Glu Ala Leu Ala Gln Thr His Ser Ala Ile Ala Val Ile Ile Gly	Ile
84 210 215 220	
86 aag gat ctg gac gca ttc cgg cac tat gac ggg cgc aca atc atc	-
87 Lys Asp Leu Asp Ala Phe Arg His Tyr Asp Gly Arg Thr Ile Ile	Gln
88 225 230 235	240
90 cgc gac aac gga tat cag cca aac tac cac gcg gtc aac atc gtg	
91 Arg Asp Asn Gly Tyr Gln Pro Asn Tyr His Ala Val Asn Ile Val	Gly
92 245 250 255	
94 tac tcg aac gcc cag ggg gtg gac tac tgg atc gtg aga aac agt	
95 Tyr Ser Asn Ala Gln Gly Val Asp Tyr Trp Ile Val Arg Asn Ser	Trp
96 260 265 270	
98 gac act aac tgg ggc gac aac ggc tac ggc tac ttc gcc gcc aac	
99 Asp Thr Asn Trp Gly Asp Asn Gly Tyr Gly Tyr Phe Ala Ala Asn	Ile
100 275 280 285	
102 gac ctg atg atc gag gag tac ccg tac gtg gtg atc ctg	906
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117 20 25 30	
118 Leu Glu Ser Val Lys Tyr Val Gln Ser Asn Gly Gly Ala Ile As	n His
119 35 40 45	
120 Leu Ser Asp Leu Ser Leu Asp Glu Phe Lys Asn Arg Phe Leu Me	t Ser
121 50 55 60	
122 Ala Glu Ala Phe Glu His Leu Lys Thr Gln Phe Asp Leu Asn Al	a Glu
123 65 70 75	80

Input Set : A:\pto.da.txt

	Thr	Asn	Ala	Cys		Ile	Asn	Gly	Asn		Pro	Ala	Glu	Ile		Leu
125	•	<b>~</b> 1	<b>36</b> - L		85 TD	**- 7	m1	D	<b>~</b> 1 -	90	<b>W</b>	~1 <u>~</u>	<b>01</b>	<b>01</b>	95	G1
	Arg	GIn	Met	_	Thr	vaı	Thr	Pro		Arg	мет	GIN	GIY	_	Cys	GIY
127				100	<b>D</b> 1	•	<b>~</b> 1	**. 7	105	<b>3.</b> 1 -	m1	<b>~1</b>	0	110	m	T
	ser	Cys	-	Ата	Pne	ser	Gly		Ala	Ата	Thr	GIU		Ala	Tyr	ьeu
129		m	115		a1	<b>a</b>	<b>.</b>	120	<b>T</b>	70 T	<b>a</b> 1	a1	125	<b>T</b>	77-7	7
	Ата		Arg	Asn	GIN	ser	Leu	Asp	Leu	Ата	GIU		GIU	Leu	vai	Asp
131	_	130	_	<b>~</b> 1		<b>~</b> 1	135	***	<b>~</b> 1	<b>3</b>	ml	140	D	7	<b>~1</b>	T1 -
		Ala	ser	GIn	HIS		Cys	HIS	GIY	Asp		шe	Pro	Arg	GIY	
	145		~1.	<b>~1</b>	TT 1	150	<b>01</b>	TT - 7	**- 7	<b>~1</b>	155	0	m	m	7	160
	GIU	Tyr	ire	Gin		Asn	Gly	vai	vaı		GIU	ser	Tyr	Tyr		TYL
135	**- 7	7 T -	<b>3</b>	<b>~1</b>	165	0	<b>C</b>	7	7	170	7	77-	~1 <del>-</del> -	7	175	G1
	vaı	Ата	arg		GIN	ser	Cys	Arg	_	Pro	ASII	Ala	GIII		Pne	GIY
137	<b>71</b> -	0	7	180	<b></b>	<b>~1</b>	<b>T</b> 1.	Ш» «»»	185	Dwa	7	7707	7 ~~	190	T1.	7 ~~~
	шe	ser		Tyr	Cys	GIII	Ile		PIO	PIO	ASII	vai		гуѕ	Tie	Arg
139	~1	7.7.	195	7.7.	<i>~</i> 1 ~	mb x	TI i a	200	7.7.	Tlo	ת דת	₹ <i>1</i> ~ 1	205	Tlo	C1**	Tlo
	GIU		ьeu	Ala	GIII	1111	His 215	ser	Ala	ire	Ala	220	116	116	GIY.	116
141	T	210	T 011	7.00	7 J -	Dho		цiс	Ф	7 cn	C111		Thr	Tla	Tlo	Gln
	_	Asp	Leu	Asp	AIA		Arg	птр	тут	Asp	235	Arg	1111	116	116	240
	225	λαν	λαη	C111	Тиг	230 Cln	Pro	7 cn	Туг	шic		17 n l	Nen	т1д	v-1	
145	Arg	ASP	ASII	GIY	245	GIII	FIU	AŞII	ıyı	250	ALG	vaı	POII	110	255	GIY
	Tur	Cor	Λcn	717 =		Gl v	Val	λen	Тиг		Tla	Va l	Δrα	Δen		Trn
147	ıyı	Ser	ASII	260	GIII	СГУ	vai	ъър	265	пр	110	Val	Arg	270	SCI	шр
	Aen	Thr	Δen		Gl v	Δen	Asn	Glv		Glv	Tur	Dhe	Δla		Δan	Tle
149	лор	1111	275	110	Ory	2100	11011	280	- 7 -	O <sub>1</sub>	- 1 -	1110	285			
	Agn	Len		Met	Tle	Glu	Glu		Pro	Tvr	Val	Val		Leu		
151	пор	290	1100			Oru	295	- 7		-1-		300				
	<210		EO TI	ONO:	. 3											
				H: 30												
		2> T			_											
					Art	ific	ial s	Seaue	ence							
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					ORMA:	CION	: C41	R mut	ant	of 1	ProDe	er p	1			
				NCE:								-				
						Lys	Thr	Phe	Glu	Glu	Tyr	Lys	Lys	Ala	Phe	Asn
164	_				5	-				10	_	-	-		15	
165	Lys	Ser	Tyr	Ala	Thr	Phe	Glu	Asp	Glu	Glu	Ala	Ala	Arg	Lys	Asn	Phe
166	-		-	20				_	25				_	30		
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	Ala	Glu	Ala	Phe	Glu	His	Leu	Lys	Thr	Gln	Phe	Asp	Leu	Asn	Ala	Glu
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Input Set : A:\pto.da.txt

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181	Cys	Ala	Ser	Gln	His	Gly	Cys	His	Gly	Asp	Thr	Ile	Pro	Arg	Gly	Ile	
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183 184	Glu	Tyr	Ile	Gln	His 165	Asn	Gly	Val	Val	Gln 170	Glu	Ser	Tyr	Tyr	Arg 175	Tyr	
185	Val	Ala	Arg	Glu	Gln	Ser	Cys	Arg	Arg	Pro	Asn	Ala	Gln	Arg	Phe	Gly	
186				180					185					190			
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189	Glu	Ala	Leu	Ala	Gln	Thr		Ser	Ala	Ile	Ala		Ile	Ile	Gly	Ile	
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196				260					265					270	_		
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Input Set : A:\pto.da.txt

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	_	Gln	_							_	_						
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	tct	tgt	taa	acc	ttt	tca	qqc	ata	qcc	qcq	aca	qaq	tcq	gca	tac	ctc	384
		Cys															
245		4	115				•	120					125		-		
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		Tyr			_	_	_	_		-		-					
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257					165					170					175		
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	Val	Ala	Arg		Gln	Ser	Cys	Arg		Pro	Asn	Ala	GIn		Phe	GIY	
261			•	180			- 4		185					190			C 2 4
		tcc															624
	тте	Ser		Tyr	Cys	GIN	TTE	_	PIO	PIO	ASII	Ala		гуѕ	ire	Arg	
265	~~~	~~~	195	~~~	a 2 a	200	<b>a</b> aa	200	~~~	a+ a	aat	at a	205	ato	aas	ato	672
		gcc Ala															072
269	GIU	210	neu	міа	GIII	1111	215	SCT	ліа	116	Ата	220	110	110	Gry	110	
	aad	gat	cta	gac	gca	ttc		cac	tat	gac	aaa		aca	atc	atc	cag	720
		Asp															
273	-			<u>F</u>		230	5		-1-		235					240	
		gac	aac	qqa	tat	cag	cça	aac	tac	cac	gcg	gtc	aac	atc	gtg	ggt	768
		Asp															
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		tcg															816
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		act															864
	Asp	Thr		Trp	Gly	Asp	Asn		Tyr	GIA	Tyr	Phe		Ala	Asn	He	
285			275					280		<b>.</b>			285				000
		ctg															906
	_	Leu	мес	мет	тте	GIU		TYL	PIO	Tyr	vai	300	тте	ьец			
289	taa	290					295					300					909
		0> SI	70 TI	NO.	. 5												505
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## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/547,206

DATE: 09/07/2005 TIME: 15:01:03

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\09072005\J547206.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:259 W: Allowed number of lines exceeded, <140> CURRENT APPLICATION NUMBER:

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:14 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER: